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**FIG. 1A**

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SEQ ID No 1: Cys-Arg-Ser-Thr-Val-Arg-Met-Ser-Ala-Glu-Gln-Val-Asn-Val-Trp-Val-Arg-Cys  
 SEQ ID No 2: TGC-AGA-AGC-ACC-GTG-CGG-ATG-TCT-GCT-GAA-CAG-GTG-CAG-AAC-GTG-TGG-GTT-CGC-TGC

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126

SEQ ID No 1: Cys-Arg-Ser-Thr-Val-Arg-Met-Ser-Ala-Glu-Gln-Val-Asn-Val-Trp-Val-Arg-Cys  
 SEQ ID No 2: TGC-AGA-AGC-ACC-GTG-CGG-ATG-TCT-GCT-GAA-CAG-GTG-CAG-AAC-GTG-TGG-TGG-GTT-CGC-TGC

**FIG. 1B***cystatin homology region**leader sequence**BMP-2 homology region*

(1) MAMKMLVIFVLGMNHWTCTGFPVYDYDPASLKEALSASVAKVNQSLSPLFRAFRSSVKRVNALDEDSLTMDFE (75)

*cystatin homology region**TGF- $\beta$  receptor II homology region*

(76) FRIQETTCRRESEADPATCDFQRGYHVPVAVCRSTVRMSAEQVQNVWWVRCHWSSSSGSSSEEMFFGDILGSSTS (150)

(151) RNSYLLGLTPDRSRGEPLYEPSREMRRNFPLGNRRYSNPWPRARVNPGFE (200) SEQ ID No 5

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	F	P	L	A	D	H	L	N	S	T	N	H	A	I	V	Q	T	L	V	N	S	V	N	S	K	SEQ ID NO 6
human BMP-2	F	P	V	Y	D	Y	D	P	A	S	L	K	E	A	L	S	A	S	V	A	K	V	N	S	Q	SEQ ID NO 7
	I	I	C	I	C	I	C	C	C	C	C	C	C	C	C	C	C	I	S	I	C	I	I	S	I	SEQ ID NO 8
																										SEQ ID NO 9

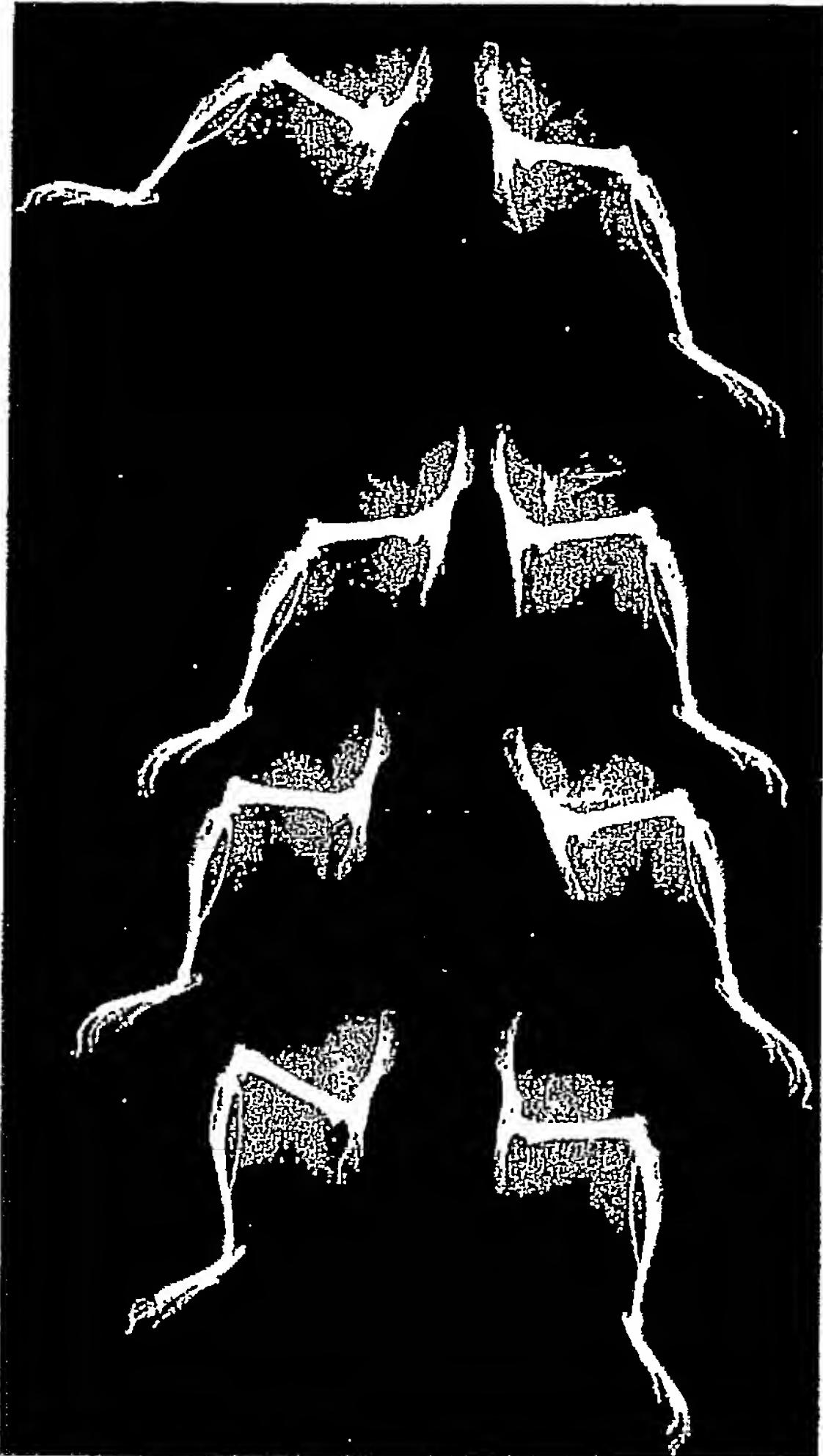
FIG. 2

	bovine fetuin	114	C	D	I	H	V	L	K	Q	D	G	Q	F	S	V	L	F	T	K	C	SEQ ID NO 8	
human TGF- $\beta$ receptor II	84	C	*	V	A	V	W	R	K	N	D	E	N	I	T	L	E	T	V	C	SEQ ID NO 9		
		I	C	I	C	C	C	C	C	C	C	S	C	S	I	C	I	C	I	C	FIG. 3		
human TGF- $\beta$ receptor II	84	C	V	A	V	W	R	K	N	D	*	*	E	N	I	T	L	E	T	V	C	SEQ ID NO 9	
bovine BBP		C	R	S	T	V	R	M	S	A	E	Q	V	Q	N	V	W	V	R	*	*	C	SEQ ID NO 10
		I	C	S	I	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	I	SEQ ID NO 10	

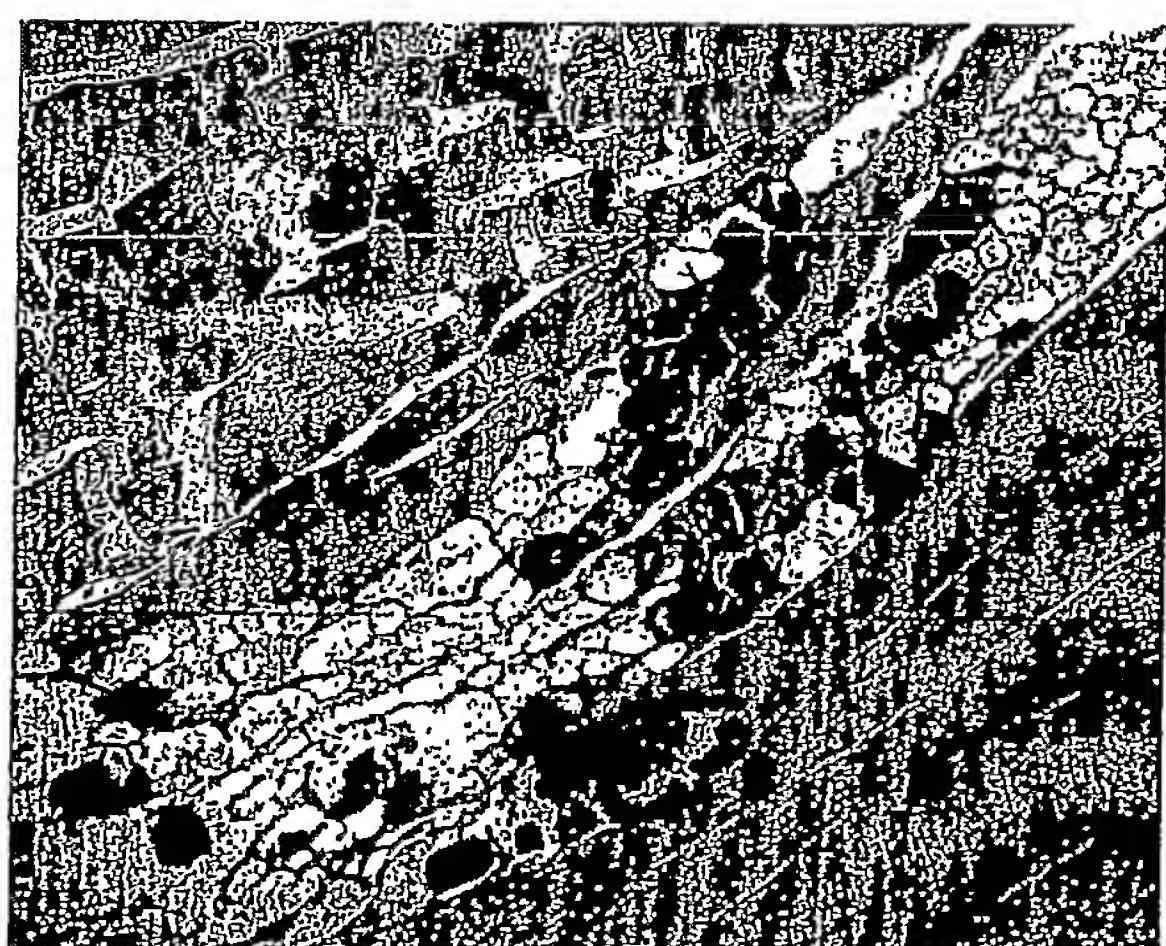
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*FIG. 4*



*FIG. 6*



*FIG. 5*

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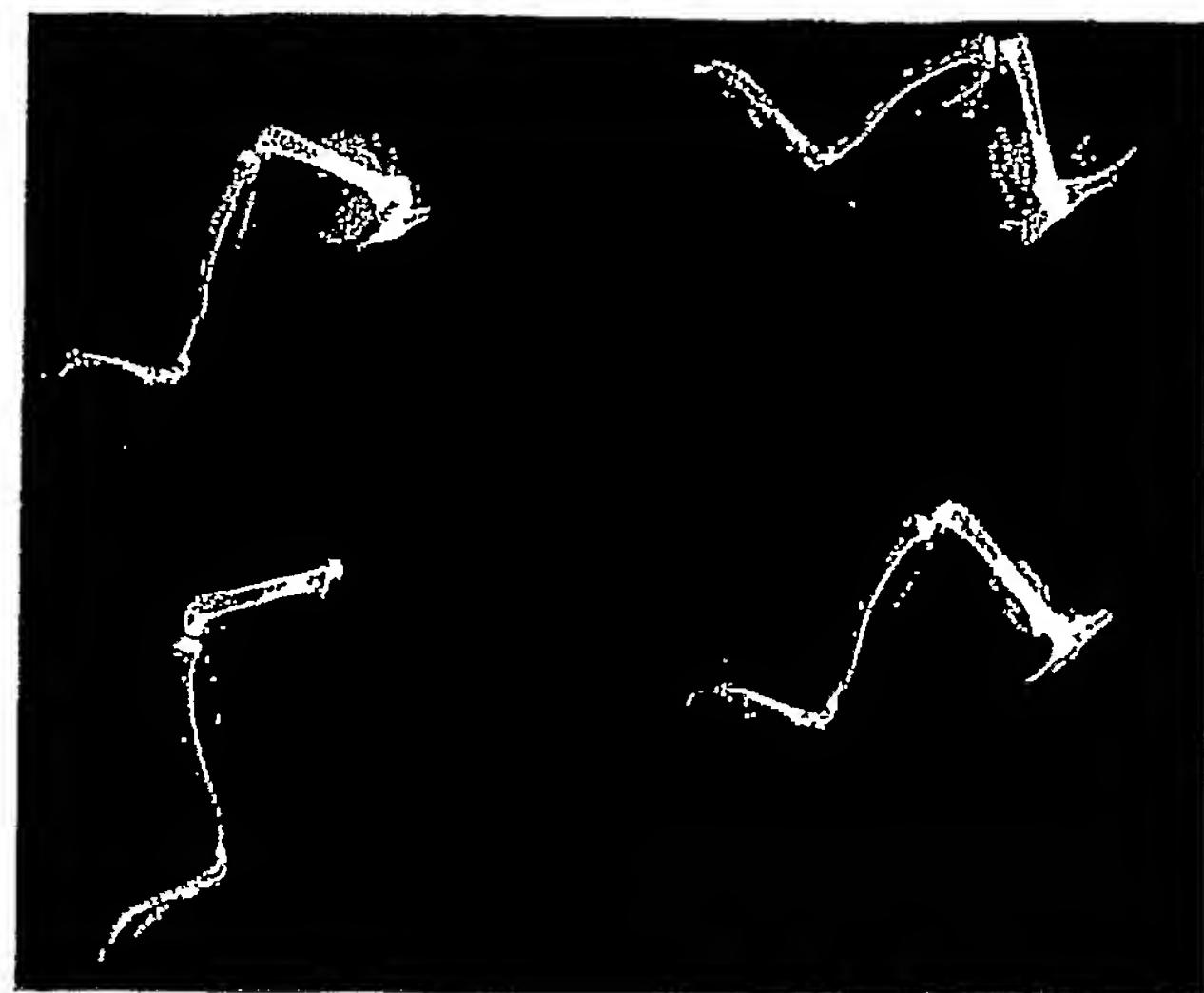


FIG. 7



FIG. 8A

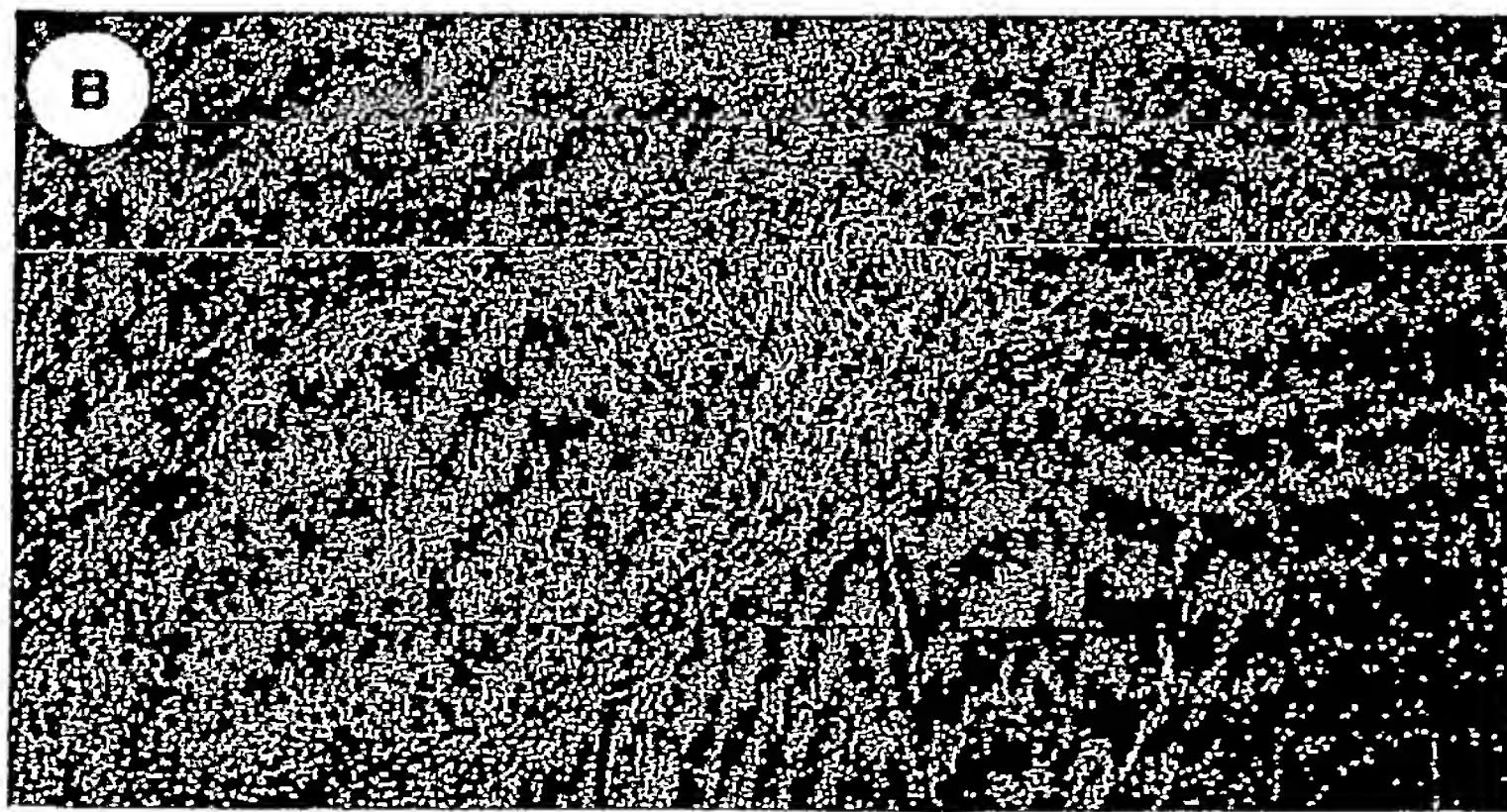
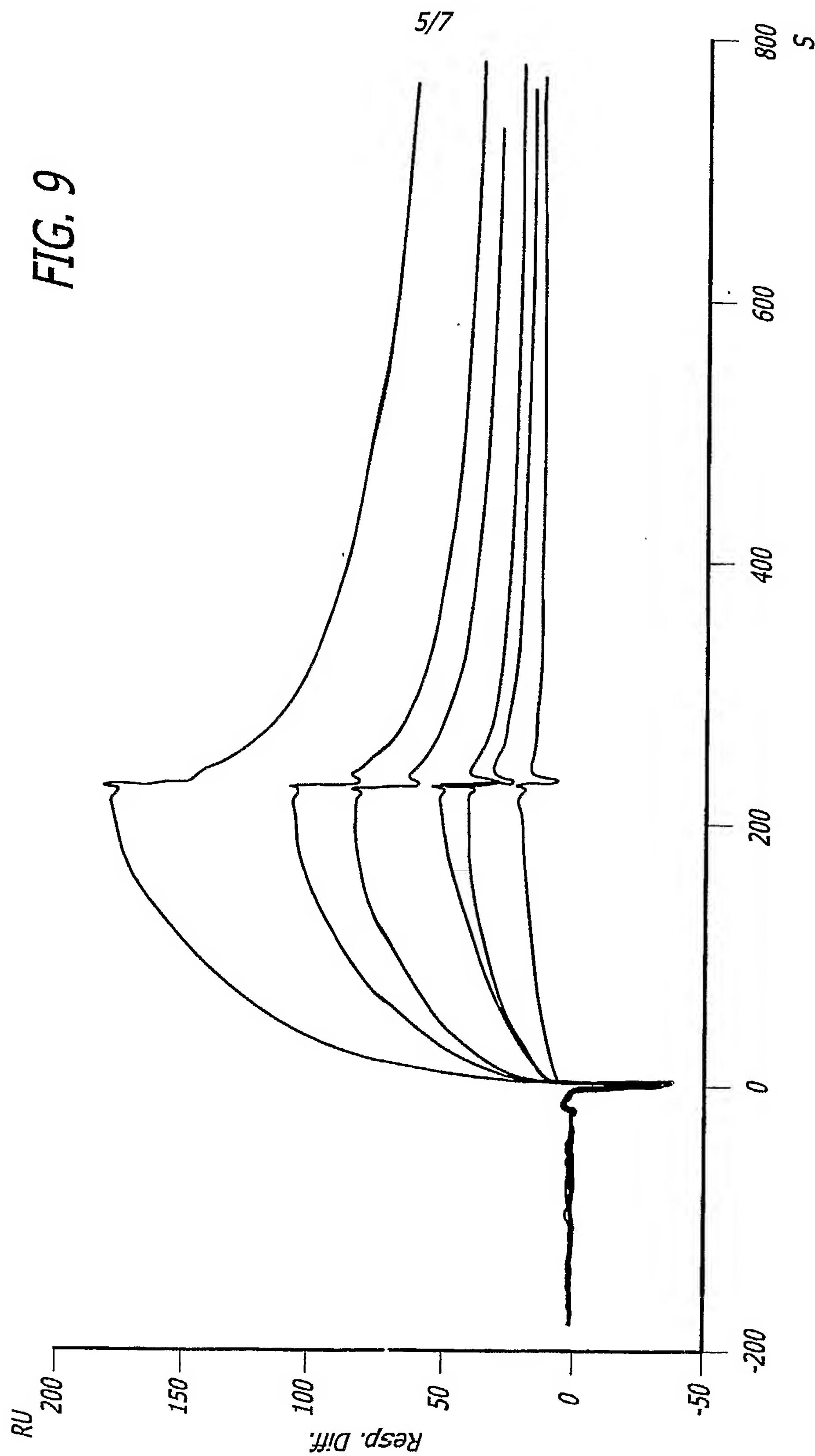
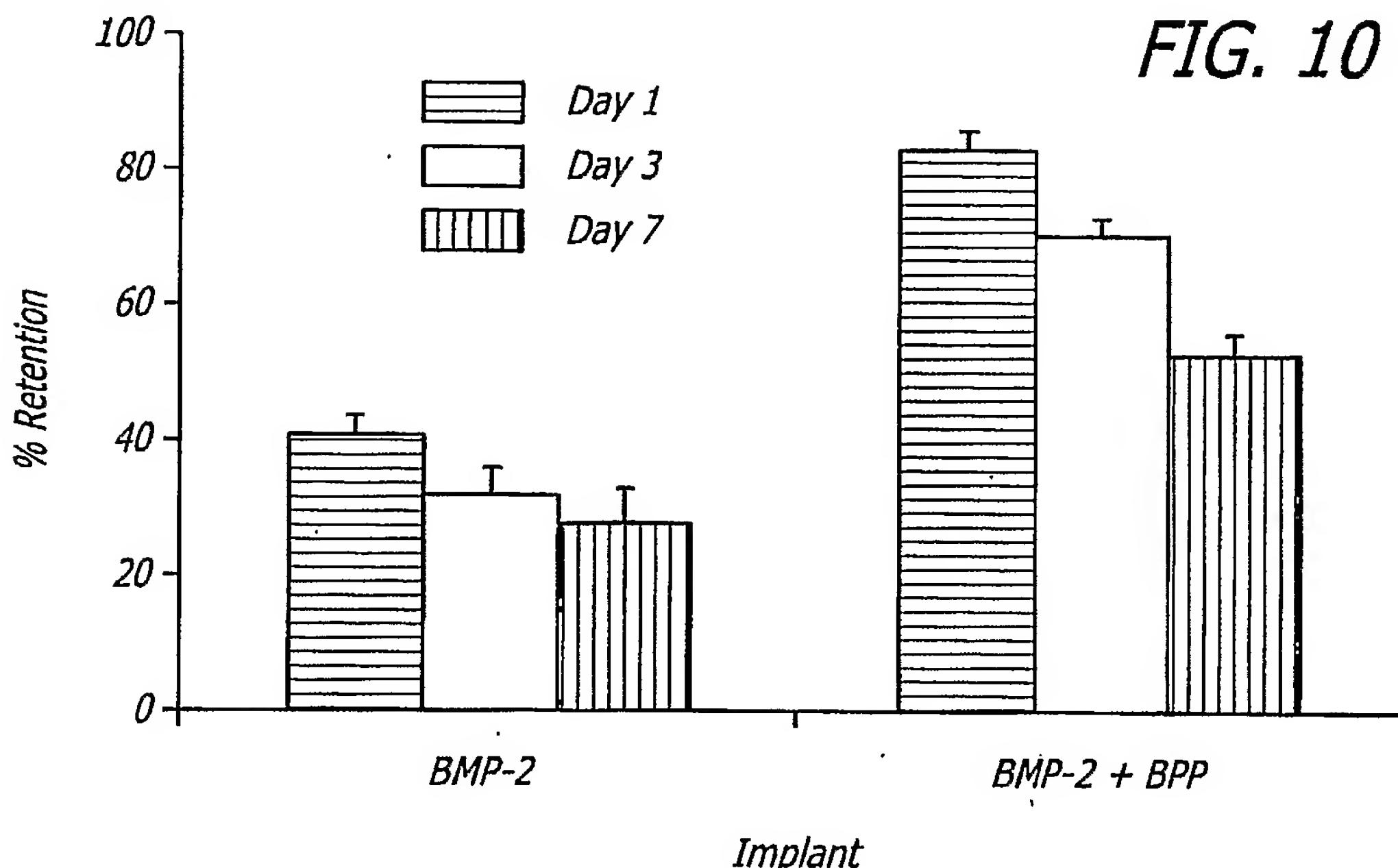


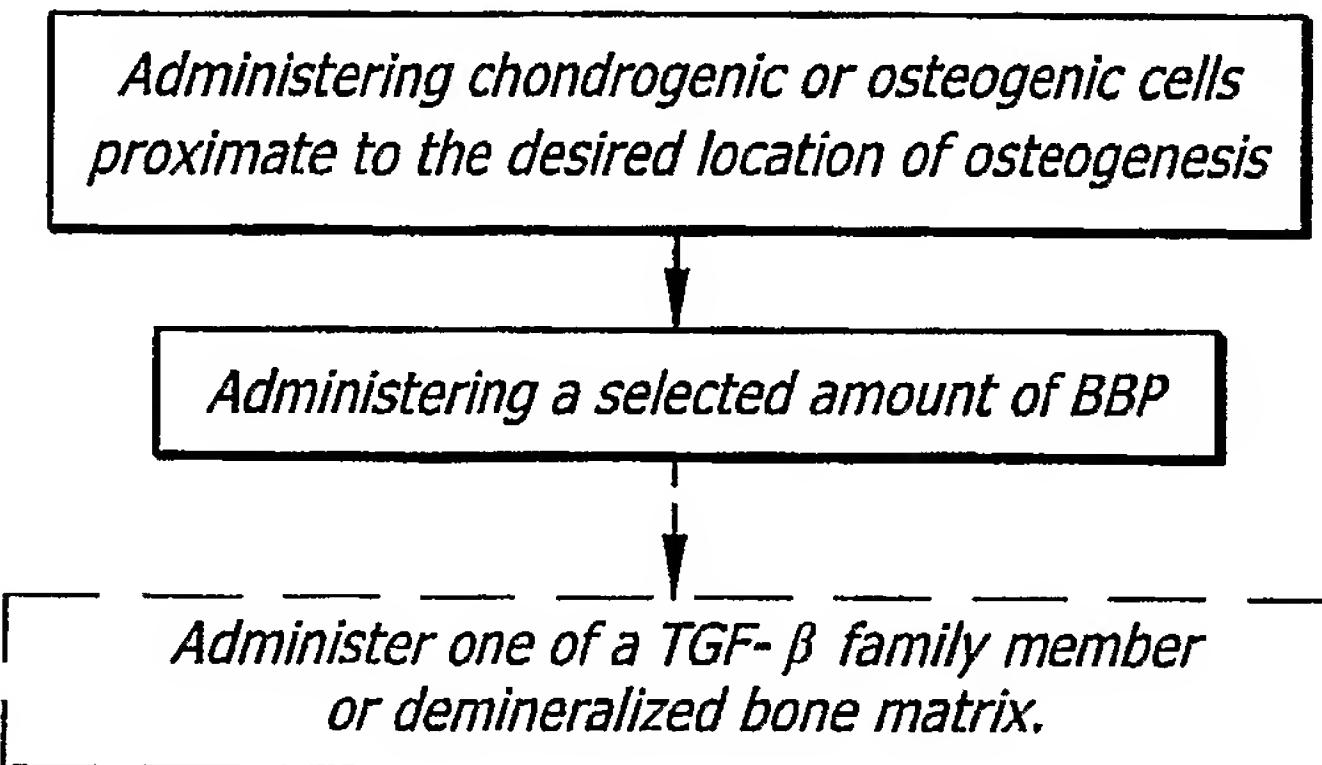
FIG. 8B



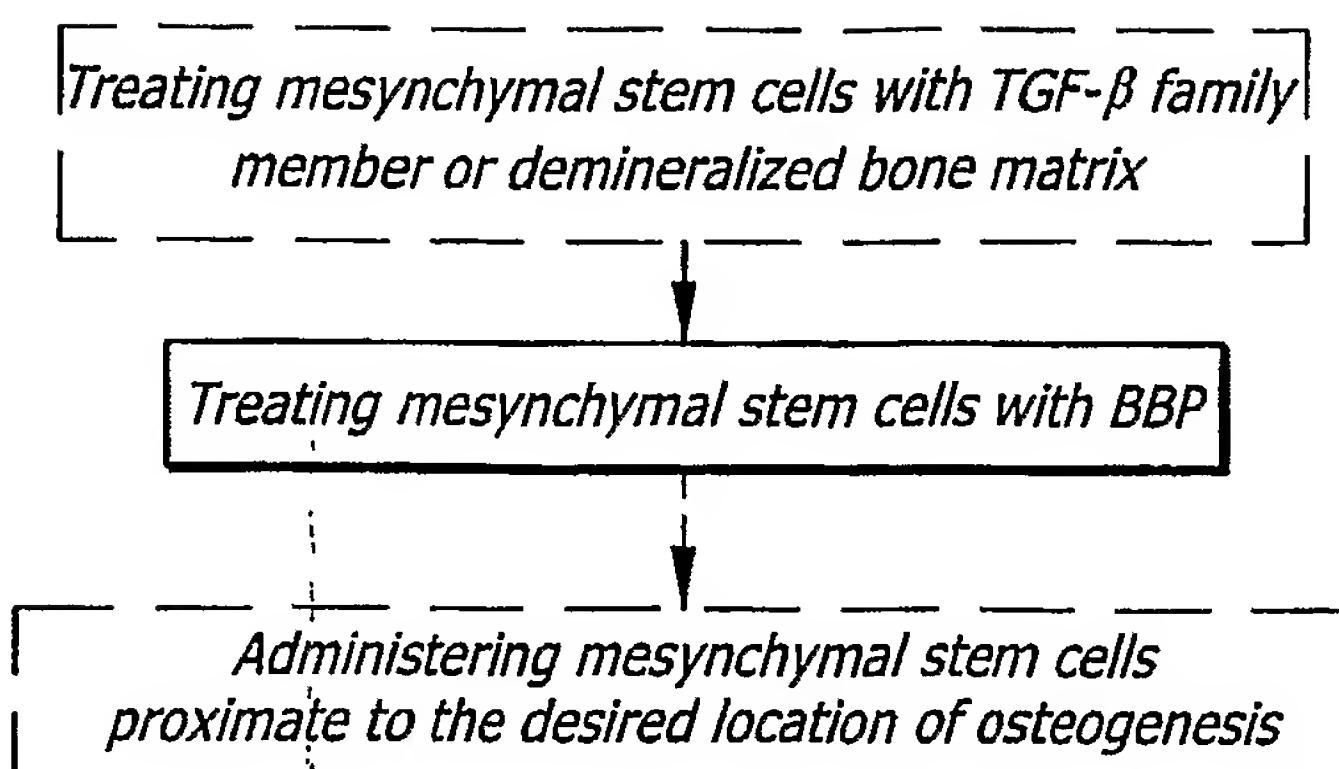
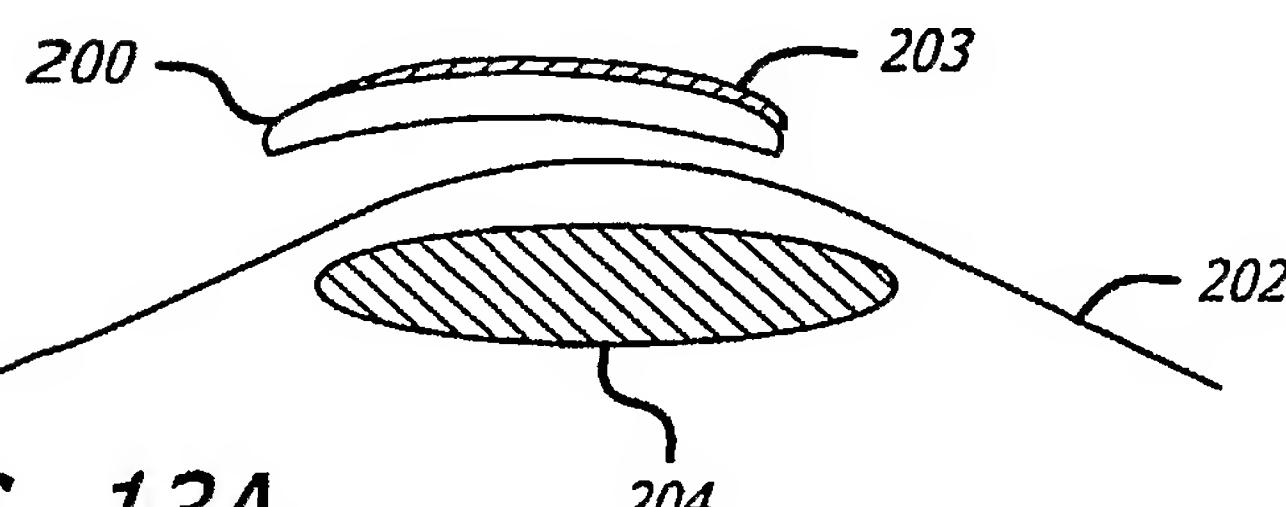
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**FIG. 10****FIG. 11**

IQETTCRRESEADPATCDFQRGYHVPVAVCRSTVRMSAEQV (SEQ ID No 3)  
 CGEPLYEPSREMRRN" (SEQ ID NO 4 (SEQ ID No 4)

**FIG. 12A**

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**FIG. 12B****FIG. 13A****FIG. 13B**